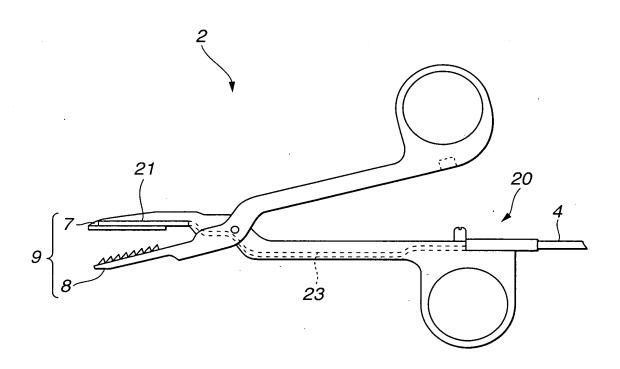


FIG.3



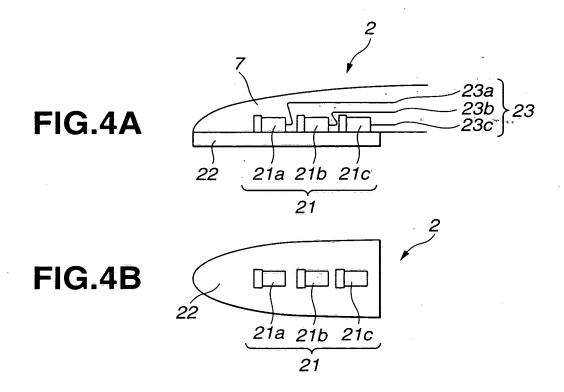
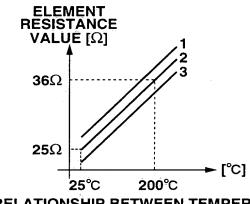


FIG.7

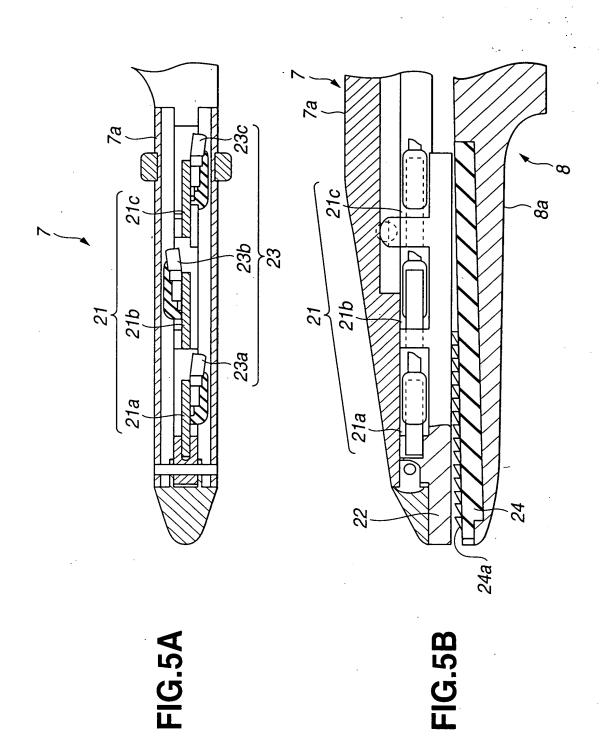


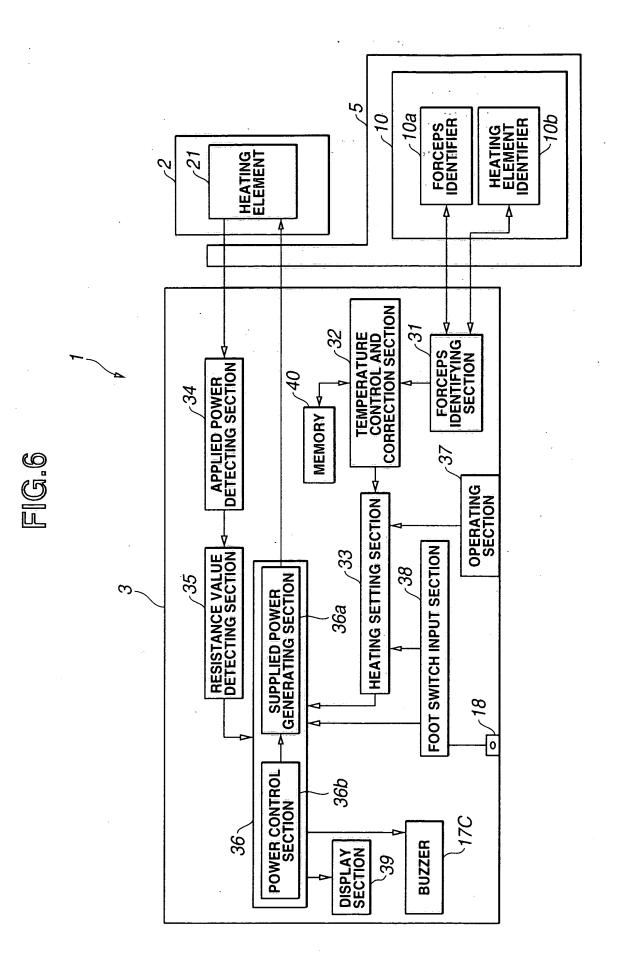
RELATIONSHIP BETWEEN TEMPERATURE AND ELEMENT RESISTANCE VALUE

FIG.8

FORCEPS IDENTIFICATION TABLE

FORCEPS TYPE	IDENTIFICATION GROUP NUMBER	NUMBER OF ELEMENTS	FORCEPS IDENTIFIER
TWEEZERS FORCEPS	Α	1	10k Ω
FORCEPS FOR LAPAROSCOPIC SURGERY	В	2	20k Ω
FORCEPS FOR SURGERY	С	3	30k Ω





CLASSIFICATION OF HEATING ELEMENT GROUPS IN ACCORDANCE WITH HEATING ELEMENT INITIAL CHARACTERISTICS (INITIAL RESISTANCE VALUE)

INITIAL CHARACTERISTICS OF HEATING ELEMENT (RANGE OF INITIAL RESISTANCE VALUE)	IDENTIFICATION GROUP NUMBER	HEATING ELEMENT IDENTIFIER 10b	
26±0.5Ω	1 .	10k Ω	
25 ± 0.5 Ω	2	20k Ω	
24 ± 0.5 Ω	3	30k Ω	

FIG.10

TABLE: SET TEMPERATURE RESISTANCE VALUE FOR CONTROLLING HEATING ELEMENT (IN MEMORY 40)

	RESISTANCE VALUE FOR CONTROLLING HEATING ELEMENT [Ω] "HEATING ELEMENT INITIAL CHARACTERISTICS" IDENTIFICATION GROUP NUMBER		
SET LEVEL	1	2	3
1 (180°C)	32	31	30
2 (190°C)	34	33	32
3 (200°C)	36	35	34
4 (210°C)	38	37	36
5 (220°C)	40	39	38

FIG.11

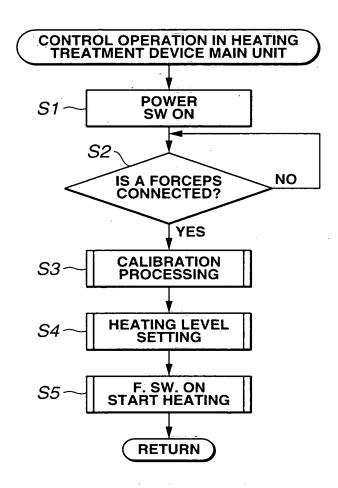


FIG.12

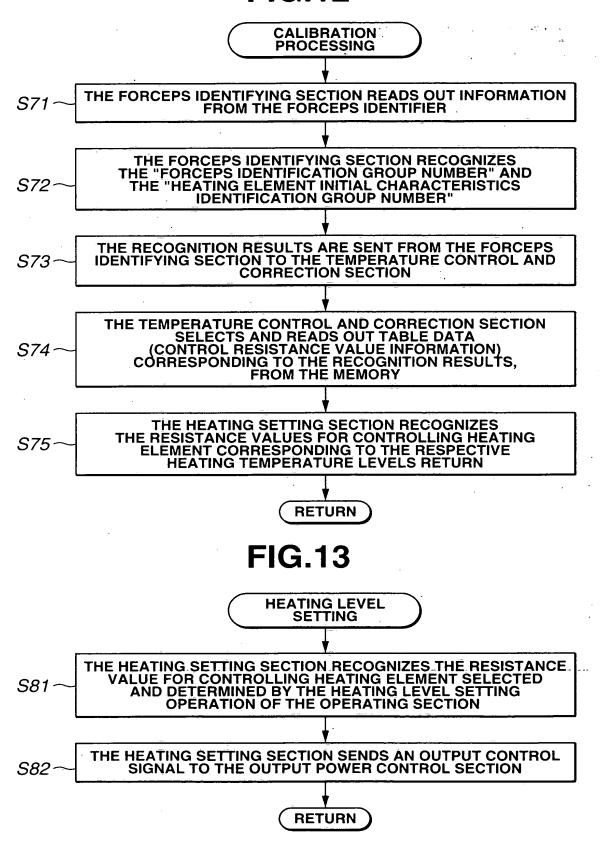
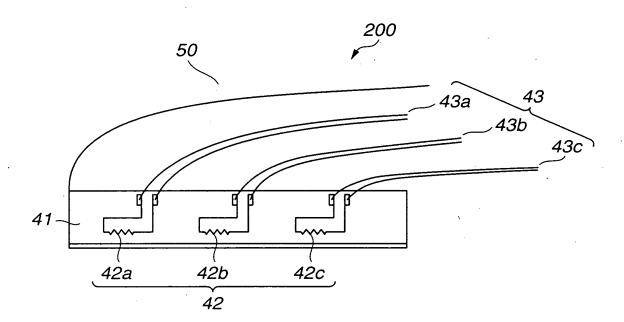


FIG.14



CLASSIFICATION OF HEATING PATTERN GROUPS IN ACCORDANCE WITH HEATING PATTERN INITIAL CHARACTERISTICS (INITIAL RESISTANCE VALUE)

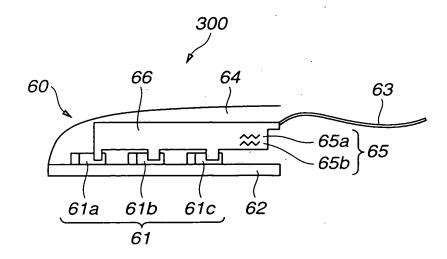
INITIAL CHARACTERISTICS OF HEATING PATTERN (RANGE OF INITIAL RESISTANCE VALUE)	IDENTIFICATION GROUP NUMBER	HEATING PATTERN IDENTIFIER 50b-1, 50b-2, 50b-3
26±0.5Ω	1	10k Ω
25±0.5Ω	2	20k Ω
24±0.5Ω	3	30k Ω

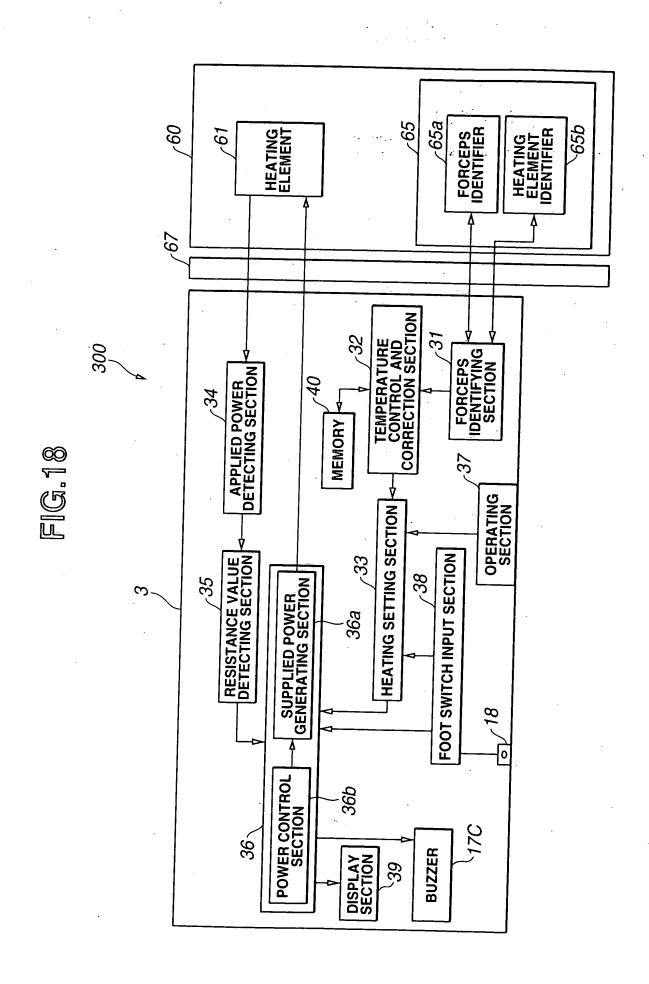
FIG.16

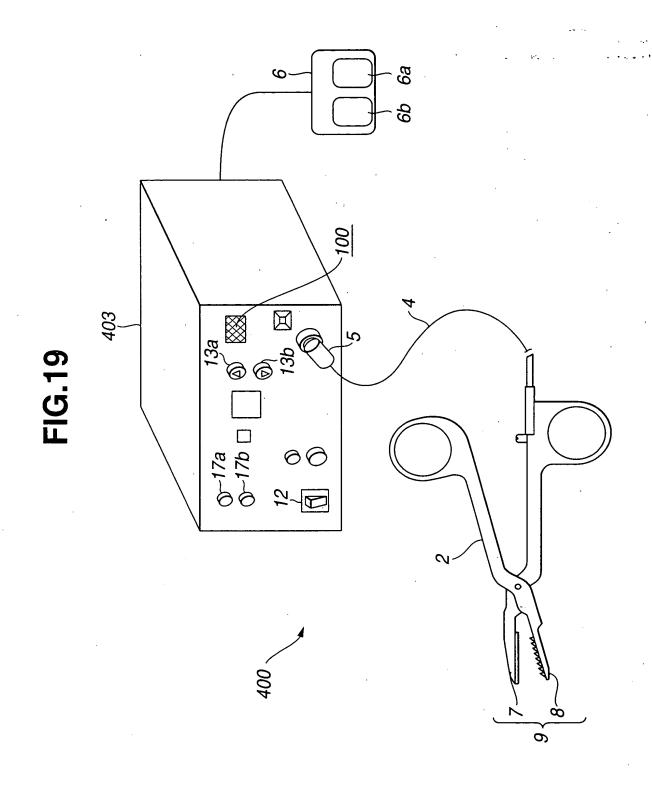
IDENTIFICATION GROUP NUMBER ACCORDING TO INITIAL CHARACTERISTICS OF EACH HEATING PATTERN

HEATING PATTERN IDENTIFIER	50b-1	50b-2	50b-3
IDENTIFICATION GROUP NUMBER	2	1	3

FIG.17







HEATING ELEMENT 2 2 APPLIED POWER DETECTING SECTION -34 TEMPERATURE CONTROL AND CORRECTION SECTION AMBIENT TEMPERATURE MEASURING SECTION -32 400 RESISTANCE VALUE DETECTING SECTION -35 .37 OPERATING SECTION HEATING SECTION 403 **FOOT SWITCH INPUT SECTION** 33 38 SUPPLIED POWER GENERATING SECTION 36a 18 ╼ POWER CONTROL SECTION *36b* 36 BUZZER DISPLAY 39

FIG.20

TABLE: RESISTANCE VALUE FOR CONTROLLING HEATING ELEMENT CALCULATION RESULTS

	RESISTANCE VALUE FOR CONTROLLING HEATING ELEMENT (Ω) HEATING ELEMENT TYPE		
SET LEVEL	HEATING ELEMENT 21a	HEATING ELEMENT 21b	HEATING ELEMENT 21c
1(180°C)	30	31	32
2(190°C)	32	33	34
3(200°C)	34	35	36
4(210°C)	36	37	38
5(220°C)	38	39	40

FIG.22

